

UTAH DEPARTMENT OF AGRICULTURE AND FOOD

CONTINUED EDUCATION UNITS APPROVAL REQUIREMENTS

Continued Education Units (CEU's) must be obtained within the three-year certification period of applicators. Commercial/Non-Commercial applicators may renew without examination after accumulating twenty-four CEU's, prior to license expiration. Four units of applicable laws and regulations, ten units of pesticide safety, and ten units in pesticide use are the accepted subject areas.

Private applicators may renew without examination after accumulating nine CEU's. Two units of applicable laws and regulations, three units of pesticide safety, and four units in pesticide use are required.

All courses must be approved in advance by the Utah Department of Agriculture and Food. Requests for approval must be submitted by the sponsor in writing, no less than two weeks prior to the beginning of the course. Requests must include the proposed agenda, speakers, and synopsis of topics. Acceptable subjects are as follows:

1. Laws and regulations related to pesticide use to include: FIFRA, Utah Pesticide Control Act, disposal, notification, transportation, registration, uses, licensing, worker protection, endangered species, storage, residues and tolerances, emergency planning and right to know, advertising, record keeping, business practices, insurance, training standards, supervision, agriculture chemicals and groundwater, or consumer protection, compliance problems/actions, analysis of violations, and discussions of problems and actions.
2. Pesticide safety: applicator use (labeling, transporting, mixing, loading, disposal, equipment, storage, spill management, and precautions), health effects, protection measures, toxins, routes of exposure, symptoms of pesticide poisoning and allergies, first aid, safety information, label revisions, trends and updates, responsibilities, public safety and education, phobias, and communication.

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Environmental protection: meteorological factors effecting application, terrain, soil, substrata influence, contamination, and sensitive areas (endangered species, ornamentals, beneficial insects, pre-harvest intervals, and label revisions.)

3. Pesticide uses: proper mixing and loading (label requirements, closed systems, adjuvant for drift control, measuring pH of water and other factors, spill prevention, site location and cleanup, contamination prevention, and security), proper application techniques (control of off-target movement, new techniques), equipment calibration and selection, equipment maintenance, storage and disposal, ventilation, rancid excess material, fire prevention, product separation to prevent cross contamination, temperature, demonstration of methods and techniques, principles of host and pest habitat identification, cycles and stages, environmental evaluations of ecology on host and pest biology.
 - a. Pest management criteria: economic or aesthetic threshold levels, environmental impact and selection of control methods, comparative effectiveness of management, sampling and surveying techniques, host and pest resistance, effect on host and off target organisms, timing of control alternatives and pest management history.
 - b. Chemical and alternative control practices: select material and formulation, dosage determination, proper selection and adjuvant for a particular job, timing of pesticide application; and alternative practices such as cultural, physical, biological, etc.

One unit of credit will be awarded for each hour of approved instructional training. CEU's will not be awarded for programs or talks on business management subjects, motivational speeches, personnel management, or non-applicable equipment demonstrations.

The sponsor will complete and return to Utah Department of Agriculture and Food, Division of Plant Industry (UDAF/PI) a copy of the meeting agenda and an attendance roster. CEU attendance rolls are to be signed by participants at the beginning of each course. Rosters and course agendas must be post-marked to UDAF/PI no later than fifteen days from the last day of the training workshop or seminar.

UDAF will accept recertification CEU's from states with which it has a formal reciprocal agreement (Idaho, Montana, Wyoming and Washington.)